



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
Killed	Injured	Property							
<u>MINNESOTA, Central and South Central</u>									
Blue Earth County									
2 W Mapleton	01	1155CST			0	0			Hail(0.75)
Wright County									
2 W Maple Lake	01	1202CST			0	0			Funnel Cloud
Faribault County									
1 N Easton	01	1210CST			0	0			Hail(1.00)
Several home windows broken.									
Wright County									
2 E Maple Lake	01	1210CST 1212CST	2	25	0	0			Tornado (F0)
Touched down on Maple Lake, drawing water up into a condensation funnel. Tornado made it to shore and flipped a few docks and boats, and knocked down a few trees.									
Wright County									
3 NW Buffalo	01	1216CST 1217CST			0	0			Funnel Cloud
Freeborn County									
Freeborn	01	1218CST 1223CST			0	0			Hail(1.00)
Freeborn County									
Hartland	01	1220CST			0	0			Hail(0.75)
Freeborn County									
Hartland	01	1220CST			0	0			Thunderstorm Wind (E52)
Freeborn County									
Manchester	01	1222CST			0	0			Hail(0.75)
Freeborn County									
Conger	01	1230CST			0	0			Hail(0.75)
Freeborn County									
2 N Emmons	01	1236CST 1237CST			0	0			Funnel Cloud
Hennepin County									
Rockford	01	1236CST			0	0			Hail(0.75)
Freeborn County									
5 W Albert Lea	01	1240CST			0	0			Hail(0.75)
Hennepin County									
5 S Rockford	01	1253CST 1254CST			0	0			Funnel Cloud
Hennepin County									
4 NW Maple Plain	01	1303CST 1304CST			0	0			Funnel Cloud
Reported in the northwestern corner of Independence.									
Hennepin County									
1 S Maple Plain	01	1310CST 1320CST			0	0			Hail(0.75)
Three distinct bursts of hail which turned the ground white.									
Hennepin County									
2 S Maple Plain	01	1318CST 1319CST			0	0			Funnel Cloud
Funnel was reported to be close to the ground, but debris was not observed.									
Hennepin County									
Eden Prairie	01	1355CST			0	0			Hail(0.75)
Hail occurred in northwestern corner of city.									



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<u>MINNESOTA, Central and South Central</u>									
Watonwan County									
2 S Butterfield	01	1423CST			0	0			Hail(1.00)
Scott County									
Savage	01	1437CST			0	0			Hail(0.88)
		Ground turned white with hail in southern Savage.							
Dakota County									
Burnsville	01	1440CST 1444CST			0	0			Hail(0.75)
Mcleod County									
Winsted	01	1610CST			0	0			Hail(0.75)
Pope County									
9 S Starbuck	09	1505CST			0	0			Hail(0.75)
Renville County									
Buffalo Lake	09	2218CST			0	0			Hail(0.75)
Lac Qui Parle County									
Nassau	09	2330CST			0	0	3K		Thunderstorm Wind (E55)
		Machine shed down. Shingles off roofs. Numerous trees toppled.							
Meeker County									
Grove City	09	2330CST			0	0			Thunderstorm Wind (E50)
		Few trees and power lines blown down.							
Mcleod County									
Hutchinson	09	2340CST			0	0			Hail(0.75)
Swift County									
3 SW Appleton	10	0010CST			0	0			Thunderstorm Wind (E60)
		Car blown off road.							
Yellow Medicine County									
3 S Clarkfield	10	0019CST 0020CST	0.1	25	0	0			Tornado (F0)
		Tornado touched down in open field. No damage reported.							
Lac Qui Parle County									
Louisburg	10	0040CST			0	0			Thunderstorm Wind (E53)
		A few trees down, empty rail car moved.							
Lac Qui Parle County									
9 N Madison	10	0040CST			0	0			Thunderstorm Wind (E60)
		Car blown off road.							
Redwood County									
Vesta	10	0040CST			0	0			Thunderstorm Wind (E55)
		Large tree branches down.							
Renville County									
Sacred Heart	10	0110CST			0	0			Thunderstorm Wind (E50)
		Trees blown down.							
Douglas County									
Brandon	11	0905CST			0	0			Hail(0.88)
Stearns County									
3 S Sauk Centre	11	0950CST			0	0			Hail(1.00)
Todd County									
Browerville	11	0957CST			0	0			Hail(1.25)
Morrison County									
Little Falls	11	1014CST			0	0			Hail(1.00)



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June 2001								
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<u>MINNESOTA, Central and South Central</u>								
Douglas County								
1 N Rose City	11	1020CST			0	0		Hail(1.75)
Todd County								
4 NW Clotho	11	1027CST			0	0		Hail(1.75)
Todd County								
Eagle Bend	11	1032CST			0	0		Hail(1.00)
Morrison County								
Buckman	11	1150CST			0	0		Hail(0.75)
Stevens County								
Donnelly	11	1302CST			0	0		Hail(1.00)
Stevens County								
6 N Morris	11	1320CST			0	0		Hail(0.75)
Stevens County								
7 SW Hancock	11	1345CST			0	0		Hail(1.25)
Douglas County								
2 NW Carlos	11	1330CST			0	0		Thunderstorm Wind (E52)
Few trees downed at Lake Carlos State Park. This was the first report from a complex of storms that would enter Todd and Morrison Counties, and which produced the tornado 4 ESE Long Prairie at 1355. The last report from this batch of storms was in Morrison County at 1430.								
Douglas County								
2 S Rose City	11	1337CST			0	0		Hail(1.00)
Todd County								
Eagle Bend	11	1345CST			0	0		Hail(1.75)
Todd County								
3 E Long Prairie	11	1355CST 1400CST			0	0	50K	Thunderstorm Wind (E65)
Semi trailer flipped over. Sheds, silos, and numerous trees down. Damage caused by rear flank downdraft that accompanies tornado. As determined by NWS damage survey.								
Todd County								
4 ESE Long Prairie	11	1355CST 1356CST	0.1	20	0	0		Tornado (F0)
Brief touchdown in wooded area. Tornado was accompanied by swath of wind damage from rear flank downdraft.								
Morrison County								
Elmdale	11	1405CST			0	0		Thunderstorm Wind (E52)
Tree toppled and brushed against house.								
Morrison County								
10 E Royalton to Pierz	11	1415CST			0	0		Thunderstorm Wind (E52)
Nearly a dozen large trees felled.								
Morrison County								
Morrill	11	1420CST			0	0		Thunderstorm Wind (E50)
Few trees and power lines down.								
Morrison County								
2 N Little Falls	11	1430CST			0	0		Hail(0.88)
This was the last severe report from a series of storms that formed in Douglas County near Rose City, produced a tornado 3 E Long Prairie in Todd County, and moved into Morrison County.								
Swift County								
2 SW Danvers	11	1340CST	0.1	20	0	0		Tornado (F0)
A large storm organized rapidly just northeast of Appleton in Swift County, and began producing several brief touchdowns in and								



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MINNESOTA, Central and South Central

around Danvers. The first known tornado, 2 SW Danvers, was a brief touchdown in an open field, destroying an irrigation system. The storm would produce a total of nine tornadoes, including the Benson to DeGraff F2 tornado

Swift County

Danvers	11 1343CST	0.1	20	0	0	0	0	0	Tornado (F0)
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Few trees knocked down on southern outskirts of town.

Swift County

Danvers	11 1344CST	0.1	25	0	0	0	0	0	Tornado (F0)
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Radio tower knocked down, few trees broken on the north edge of town.

Swift County

4 E Danvers	11 1348CST 1349CST	0.1	20	0	0	0	0	0	Tornado (F1)
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Shed, grain bins destroyed, windows blown out. High tension electric transmission line knocked down.

Swift County

4 ENE Danvers	11 1349CST 1350CST	0.1	20	0	0	0	0	0	Tornado (F0)
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Brief touchdown on edge of open field. Few broken trees.

Swift County

2 SE De Graff	11 1400CST 1402CST	0.5	25	0	0	0	0	0	Tornado (F0)
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Brief tornado over open land tracked east and crossed Highway 212 before dissipating.

Swift County

Benson to De Graff	11 1406CST 1422CST	8	150	0	7	10M	0	0	Tornado (F2)
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After several brief tornadoes around Danvers, a much larger tornado struck the east side of Benson and travelled southeast along Highway 212. 71 structures were damaged, including 4 homes and 7 businesses that had to be demolished. The tornado lifted off in DeGraff, but not before damaging one last grain bin, taking the roof off a grain elevator, and knocking several sheds down in DeGraff. Seven people were injured when they fled a van just as the tornado was hitting the vehicle on the eastern edge of Benson. One boy was critically injured but survived and was discharged from the hospital two weeks later. Damage listed encompasses damages from all tornadoes and wind events in Swift County.

Swift County

Murdock	11 1426CST	0	0	0	0	0	0	0	Thunderstorm Wind (E60)
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Several sheds down, some siding off homes, numerous trees down, mostly on western side of town

Swift County

1 NW Kerkhoven	11 1433CST	0.2	25	0	0	0	0	0	Tornado (F0)
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Tornado knocked down a few dozen trees.

Swift County

Kerkhoven	11 1434CST	0	0	0	0	0	0	0	Thunderstorm Wind (E55)
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Dozens of trees downed.

Kandiyohi County

1 NW Willmar	11 1450CST 1452CST	0.5	25	0	0	0	0	0	Tornado (F0)
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This was the last tornado associated with the complex that produced the Benson F2 tornado. The storm had travelled along Highway 212 from Danvers to Benson to Kandiyohi, producing numerous tornadoes, hail, and strong wind gusts

Kandiyohi County

Willmar Arpt	11 1458CST	0	0	0	0	0	0	0	Thunderstorm Wind (M52)
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Large tree branches down in Willmar.



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<u>MINNESOTA, Central and South Central</u>									
Kandiyohi County									
Kandiyohi	11	1512CST			0	0			Hail(1.00)
This was the last severe report from the mesocyclone that began in Swift County and produced nine tornadoes from the Danvers area to 1 NW Willmar.									
Swift County									
9 N Kerkhoven to 9 NNE Kerkhoven	11	1427CST 1430CST	2	50	0	0			Tornado (F1)
A new mesocyclone formed to the northeast of the storm that produced the Benson tornado. This new storm went on to produce five tornadoes, with the last one occurring near New Market in Scott County. This storm also produced large hail and very strong damaging wind from its beginning, all the way to the southern suburbs of Minneapolis. This mesocyclones first tornado touched down in Swift County, 9 N to NNE Kerkhoven, and knocked down two barns and several outbuildings in the Monson Lake area before traveling into Kandiyohi County, one mile southwest of Sunburg									
Kandiyohi County									
3 S Sunburg to 1 E Atwater	11	1430CST 1510CST			0	0	15M	6M	Thunderstorm Wind (M103)
The mesocyclone which produced its first tornado 9 N Kerkhoven in Swift County intensified dramatically as it neared Spicer. A 5 to 6 mile wide swath of damaging wind blasted an area in a strip from Sunburg to 5 S Sunburg, then intensified dramatically as it neared Spicer and Green Lake. It continued toward the Atwater area, where a seed farm measured 103 knots (119 mph). It then exited Kandiyohi County and went into Meeker County. Hundreds of structures were damaged by the wind, including roofs off some businesses and garages, along with many downed barns, grain bins and outbuildings. Several thousand trees were felled, many onto homes and vehicles.									
Kandiyohi County									
1 SW Sunburg to 5 SE Sunburg	11	1430CST 1435CST	5	50	0	0			Tornado (F1)
Tornado entered Kandiyohi County after forming 9 NNE Kerkhoven in Swift County. It traveled southeast, demolishing several barns, grain bins and outbuildings.									
Kandiyohi County									
8 SE Sunburg to 7 W New London	11	1439CST 1441CST	2	50	0	0			Tornado (F1)
Several barns and outbuildings down, church lost its roof, then tornado dissipated over open land. Filmed by storm chaser									
Kandiyohi County									
5 W Spicer to 4 W Spicer	11	1447CST 1449CST	1	50	0	2			Tornado (F1)
Sheds and pole barns down. Church lost part of its roof. Two people were injured when their truck and camper were flung to the edge of a lake.									
Kandiyohi County									
4 SW Spicer	11	1500CST			0	0			Hail(3.00)
Wind driven large hail caused major damage across Kandiyohi County. Damage estimate for the county is listed with the 3 S Sunburg to 1 E Atwater listing.									
Kandiyohi County									
1 NW Atwater	11	1507CST 1515CST			0	0			Hail(2.50)
Meeker County									
3 W Grove City to 4 SE Dassel	11	1510CST 1545CST			0	0	10M	3M	Thunderstorm Wind (E80)
The storm complex moved into Meeker County, producing a 4 to 5 mile wide swath of damage from northwest to southeast across the county. The most severe damage was in Grove City and Litchfield. The Grove City High School auditorium roof collapsed, and light towers and other structures were destroyed at the Grove City race track. Hundreds of trees were toppled in Litchfield, many									



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MINNESOTA, Central and South Central

onto homes and vehicles. Dozens of barns, grain bins, and outbuildings sustained damage across the county. Homes were pummeled by wind-driven hail. Damage amount listed is for all events in Meeker County.

Meeker County

1 E Cedar Mills	11	1515CST			0	0		Thunderstorm Wind (E60)
20 ton truck rolled over by wind.								

Meeker County

Litchfield	11	1525CST 1535CST			0	0		Hail(2.00)
Wind blown hail dented houses, vehicles, and hundreds of structures.								

Meeker County

1 WSW Litchfield	11	1525CST 1526CST	0.5	50	0	0		Tornado (F1)
Damage survey indicated brief tornado on the west side of Lake Ripley, downing trees and ripping apart sheds and outbuildings. Tornado was accompanied by a large swath of damaging wind.								

Meeker County

4 SE Dassel to 2 E Dassel	11	1545CST 1552CST			0	0		Hail(1.75)
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Wright County

1 W Cokato	11	1553CST			0	0		Hail(1.75)
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Mcleod County

Hutchinson	11	1558CST			0	0		Hail(1.00)
At highways 7 and 15.								

Wright County

1 W Cokato	11	1601CST			0	0		Thunderstorm Wind (E52)
Ten inch diameter branches downed. Minor damage to siding on house.								

Mcleod County

Lester Prairie to Winsted	11	1612CST 1615CST			0	0		Hail(1.75)
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Mcleod County

Lester Prairie	11	1615CST			0	0	100K	Thunderstorm Wind (M61)
Wind driven hail caused damage to houses and vehicles.								

Carver County

New Germany	11	1620CST 1636CST			0	0		Hail(0.75)
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Carver County

Waconia	11	1625CST			0	0	15M	Hail(2.75)
Fell on the north side of Lake Waconia. Damage total is for all wind and hail damages in Carver County between 1620 and 1640								

Carver County

Norwood	11	1626CST			0	0		Hail(1.00)
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Carver County

Watertown to 1 S Watertown	11	1628CST 1630CST			0	0		Hail(2.50)
Many homes and vehicles damaged.								

Hennepin County

St Bonifacius	11	1630CST			0	0	25M	Hail(3.00)
Many vehicles and structures damaged. Damage estimate is for all wind and hail damage in Hennepin County from the storm that occurred from 1630 to 1708.								

Carver County

New Germany	11	1636CST			0	0		Thunderstorm Wind (E50)
Six inch diameter branches down.								



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MINNESOTA, Central and South Central

Carver County									
Chanhassen	11	1637CST			0	0			Thunderstorm Wind (M54)
		At NWS Office. Wind driven hail damaged vehicles and homes.							
Hennepin County									
Mound	11	1639CST			0	0			Hail(2.75)
		Homes and vehicles damaged.							
Carver County									
Chaska	11	1640CST			0	0			Hail(0.75)
Scott County									
Belle Plaine	11	1643CST			0	0			Thunderstorm Wind (E55)
		Several two foot diameter trees felled.							
Hennepin County									
Eden Prairie	11	1645CST			0	0			Hail(2.00)
		Near Highways 101 and 62.							
Hennepin County									
Eden Prairie	11	1645CST			0	0			Thunderstorm Wind (M61)
		Measured near Highways 101 and 62. A few trees on houses and vehicles.							
Hennepin County									
Long Lake	11	1645CST			0	0			Hail(0.75)
Scott County									
2 NE New Prague	11	1650CST			0	0	5K		Thunderstorm Wind (E52)
		Numerous trees uprooted on east side of Cedar Lake, and a few boats and pontoons were flipped.							
Scott County									
Savage	11	1651CST			0	0			Hail(0.75)
Hennepin County									
Flying Cloud Arpt	11	1653CST			0	0			Hail(1.25)
Hennepin County									
Hopkins	11	1653CST			0	0			Hail(1.75)
Dakota County									
Burnsville	11	1655CST 1714CST			0	0	500K		Hail(1.25)
		Wind driven hail damaged houses and vehicles.							
Dakota County									
Burnsville	11	1655CST			0	0			Thunderstorm Wind (E55)
		Dozens of trees down, including some two feet in diameter.							
Hennepin County									
Bloomington	11	1655CST			0	0			Thunderstorm Wind (M61)
		Hundreds of trees toppled, many onto homes and vehicles.							
Hennepin County									
Edina	11	1655CST			0	0			Thunderstorm Wind (E55)
		About 60 trees knocked down at Braemar Golf Course.							
Scott County									
Prior Lake	11	1655CST			0	0	500K		Hail(1.75)
		Wind driven hail damaged houses and vehicles.							
Hennepin County									
Minneapolis	11	1657CST 1704CST			0	0			Hail(1.75)
		On Hennepin Avenue South.							



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<u>MINNESOTA, Central and South Central</u>								
Hennepin County								
Richfield	11	1658CST			0	0		Thunderstorm Wind (E50)
		About one dozen trees down.						
Hennepin County								
Bloomington	11	1700CST			0	0		Hail(1.75)
Hennepin County								
Edina	11	1700CST			0	0		Hail(1.75)
Scott County								
2 W New Market	11	1700CST 1701CST	0.5	50	0	0	50K	Tornado (F1)
		Sheds, outbuildings and a barn down. This was the fifth and last tornado from this particular mesocyclone that produced its first tornado in Swift County 9 N Kerkhoven at 1427.						
Dakota County								
Eagan	11	1705CST			0	0		Hail(1.00)
Hennepin County								
Bloomington	11	1705CST			0	0	200K	Lightning
		Lightning struck an apartment building and ignited a fire.						
Washington County								
Cottage Grove	11	1705CST			0	0		Thunderstorm Wind (E52)
		Few trees and power lines down.						
Hennepin County								
Minneapolis/St Paul	11	1708CST			0	0		Hail(0.75)
		At MSP International Airport.						
Rice County								
3 E Northfield	11	1715CST			0	0	1K	Thunderstorm Wind (E55)
		Numerous trees felled. Deck of home torn off.						
Ramsey County								
Maplewood	11	1719CST			0	0		Hail(0.75)
		At 694 and Highway 61.						
Washington County								
4 E Cottage Grove	11	1723CST			0	0		Thunderstorm Wind (M52)
		Few trees and power lines down.						
Washington County								
Stillwater	11	1726CST			0	0		Hail(0.75)
Goodhue County								
Goodhue	11	1745CST			0	0		Hail(1.75)
Goodhue County								
Red Wing	11	1800CST			0	0		Thunderstorm Wind (E52)
		Scattered trees down in Red Wing. This was the last report in Minnesota from a mesocyclone and complex of storms that produced its first severe weather in Swift County (9 N Kerkhoven) at 1427.						
Benton County								
3 SW Gilman	11	1500CST			0	0	50K	Thunderstorm Wind (E60)
		Roof off barn, two sheds down.						
Wright County								
Monticello	11	1520CST			0	0		Thunderstorm Wind (E56)
Carver County								
3 NE Young America	11	1525CST			0	0		Hail(1.00)
		At Highways 25 and 5.						



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<u>MINNESOTA, Central and South Central</u>									
Dakota County									
Hastings	11	1529CST			0	0			Hail(0.88)
		At Highways 61 and 316.							
Goodhue County									
Red Wing	11	1545CST			0	0			Funnel Cloud
		Wall cloud lingered over Red Wing for nearly 30 minutes, and a brief funnel cloud was spotted.							
Isanti County									
4 SE Isanti	11	1545CST			0	0			Thunderstorm Wind (E52)
		Trees down at County Roads 12 and 45.							
Washington County									
2 E Forest Lake	11	1600CST			0	0			Thunderstorm Wind (E52)
		Few trees down, including some on power lines.							
Chisago County									
2 N Almelund	11	1630CST			0	0			Hail(1.20)
Martin County									
Ceylon	12	2115CST			0	0			Hail(0.75)
Faribault County									
Elmore	12	2300CST			0	0			Hail(0.88)
Martin County									
Ceylon	12	2305CST			0	0			Thunderstorm Wind (E50)
		Trees down.							
Faribault County									
Walters	12	2330CST			0	0			Hail(0.75)
Faribault County									
5 W Wells	12	2330CST			0	0	20K		Thunderstorm Wind (E70)
		Barn shifted off foundation. Several trees felled.							
Steele County									
Owatonna	12	2330CST			0	0	10K		Thunderstorm Wind (E65)
		Roof partially torn off of two businesses. Sheds torn down along with numerous trees.							
Lac Qui Parle County									
6 S Dawson	13	0230CST			0	0			Thunderstorm Wind (E50)
		Large tree branches down.							
Dakota County									
Apple Vly	13	0530CST			0	0	80K		Lightning
		Lightning struck a gas line on the west side of Apple Valley, igniting a fire in 3 homes.							
Stevens County									
8 W Donnelly	13	1635CST			0	0			Hail(1.75)
Meeker County									
2 N Cedar Mills	13	1720CST			0	0			Hail(1.00)
Meeker County									
5 NE Grove City	13	1725CST			0	0			Funnel Cloud
Meeker County									
9 N Litchfield	13	1742CST			0	0			Hail(1.75)
Meeker County									
7 N Litchfield	13	1757CST			0	0			Hail(1.75)
Douglas County									
5 NE Nelson	13	1800CST 1801CST	0.1	25	0	0			Tornado (F0)
		Minor tree and power pole damage.							



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Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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MINNESOTA, Central and South Central

Douglas County

1 N Forada	13	1805CST			0	0		Funnel Cloud
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Stearns County

Albany	13	1805CST			0	0		Hail(0.75)
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Stearns County

2 N Albany	13	1807CST			0	0		Hail(0.88)
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Todd County

4 W Bertha to 3 WNW Bertha	13	1815CST 1818CST	1	100	0	0	10K	Tornado (F3)
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NWS Grand Forks damage survey revealed an F3 tornado touch down in Otter Tail County, one mile NW of Parkers Prairie at 1753 CST. It tracked to just southeast of Wrightstown, for an 11 mile path in Otter Tail County. It then continued on for one mile in Todd County where it dissipated 3 WNW of Bertha. Total path length 12 miles

Todd County

Hewitt	13	1820CST			0	0		Thunderstorm Wind (E50)
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Several trees downed.

Morrison County

Sobieski	13	1830CST			0	0		Funnel Cloud
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Morrison County

2 E Swanville	13	1830CST			0	0		Thunderstorm Wind (E50)
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Few trees uprooted.

Morrison County

5 NNW Little Falls	13	1835CST			0	0		Funnel Cloud
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Todd County

1 NE Long Prairie	13	1840CST			0	0		Funnel Cloud
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Todd County

1 NW Long Prairie	13	1840CST			0	0		Funnel Cloud
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Todd County

7 E Long Prairie	13	1844CST 1845CST	0.1	25	0	0		Tornado (F0)
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No damage reported.

Morrison County

2 N Flensburg to 2 N Darling	13	1900CST 1910CST	4	50	0	0	200K	Tornado (F2)
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One home lost its roof. Several sheds and outbuildings blown down. Two additional homes sustained minor damage.

Todd County

5 ESE Long Prairie	13	1932CST 1933CST	0.1	25	0	0		Tornado (F0)
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Brief touchdown in open field. No damage reported.

Morrison County

4 SE Motley	13	1936CST			0	0		Hail(1.75)
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Brown County

Comfrey	13	2050CST			0	0		Thunderstorm Wind (E55)
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A door was blown off a pole barn. A few sheds damaged. Trees down.

Watonwan County

4 N Darfur	13	2050CST			0	0		Thunderstorm Wind (E57)
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A few sheds toppled.

Watonwan County

Butterfield	13	2055CST			0	0		Thunderstorm Wind (E50)
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A few trees down.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MINNESOTA, Central and South Central</u>									
Watonwan County									
St James	13	2100CST			0	0			Thunderstorm Wind (E55)
		Several trees down.							
Watonwan County									
5 S St James	13	2100CST			0	0			Thunderstorm Wind (E55)
		Five trees felled near Long lake.							
Martin County									
6 NE Dunnell	13	2110CST			0	0			Thunderstorm Wind (E50)
		Trees down.							
Watonwan County									
Madelia	13	2110CST			0	0			Thunderstorm Wind (E52)
		Trees and powerlines down.							
Blue Earth County									
Lake Crystal	13	2125CST			0	0	2K		Thunderstorm Wind (E50)
		Several 10 inch branches down. One branch fell on truck causing moderate damage.							
Le Sueur County									
Kasota	13	2127CST			0	0			Thunderstorm Wind (E50)
		Trees down.							
Todd County									
Long Prairie to 5 E Long Prairie	13	2130CST 2345CST			0	0	100K		Flash Flood
		Highway 27 flooded in Long Prairie. Road washed out 5 E Long Prairie.							
Mille Lacs County									
Vineland	13	2140CST			0	0			Thunderstorm Wind (E55)
		Trees and power lines down.							
Blue Earth County									
Mankato Arpt	13	2155CST			0	0			Thunderstorm Wind (M54)
Faribault County									
Kiester	13	2200CST			0	0			Thunderstorm Wind (E55)
		Several trees down in Northwest side of town. Shingles blown off roof.							
Scott County									
New Market	13	2200CST			0	0			Thunderstorm Wind (E50)
		Large tree limbs down.							
Le Sueur County									
New Prague	13	2208CST			0	0			Thunderstorm Wind (M61)
		Reported by MNDOT road weather system.							
Scott County									
New Prague	13	2208CST			0	0			Thunderstorm Wind (M61)
		Reported by MNDOT road weather system. Large tree limbs down.							
Rice County									
Little Chicago	13	2218CST			0	0			Thunderstorm Wind (M54)
		Reported by MNDOT road weather report system.							
Stearns County									
Belgrade	13	2220CST			0	0			Thunderstorm Wind (E55)
		Trees and power lines toppled.							
Dakota County									
Burnsville	13	2230CST			0	0			Thunderstorm Wind (E50)
		Four inch diameter branch severed at I-35 and Burnsville Parkway. Security light bent							



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

									June 2001
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Property Damage	Crops	Character of Storm
<u>MINNESOTA, Central and South Central</u>									
Dakota County									
Lakeville	13	2230CST			0	0			Thunderstorm Wind (E52)
Construction barrier blown over.									
Mille Lacs County									
Onamia	13	2230CST			0	0	10K		Flash Flood
Several roads flooded. Basements flooded in Wahkon. Four and seven tenths inches of rain at Gull Lake									
Morrison County									
Little Falls	13	2230CST			0	0	20K		Flash Flood
Little Elk River in Randall overflowed. Skunk River in Pierz overflowed and undermined Park Road bridge. Many highways and basements flooded.									
Morrison County									
1 W Little Rock to Pierz	13	2230CST 2235CST			0	0			Thunderstorm Wind (E55)
Swath of scattered trees down.									
Dakota County									
Farmington	13	2235CST			0	0			Thunderstorm Wind (E55)
Fourteen trees toppled in rural Farmington.									
Dakota County									
Apple Vly	14	0030CST			0	0	25K		Lightning
Lightning struck a gas line in the Northeastern corner of Apple Valley. A fire was then ignited at three homes.									
Freeborn County									
Albert Lea	14	0130CST			0	0	10K		Flash Flood
Numerous streets and basements flooded.									
Martin County									
Fairmont Arpt	15	1935CST			0	0			Thunderstorm Wind (M55)
Sherburne County									
1 NW Cable	16	1317CST			0	0			Hail(0.75)
Stearns County									
Kimball	16	1320CST			0	0			Hail(1.00)
Wright County									
Monticello	16	1345CST			0	0			Hail(0.75)
Anoka County									
Ramsey	16	1403CST			0	0			Hail(0.75)
Hennepin County									
New Hope	16	1415CST			0	0			Hail(0.75)
Hennepin County									
Minneapolis	16	1418CST 1425CST			0	0			Hail(0.75)
Event occurred at the Minneapolis/St. Paul Int. Airport, and was reported by a citizen									
Hennepin County									
Minneapolis	16	1418CST			0	0			Hail(0.75)
Hail occurred at the University of Minnesota.									
Ramsey County									
2 SW White Bear Lake	16	1425CST			0	0			Hail(0.75)
Hail occurred in the city of Shoreview.									
Goodhue County									
Dennison	17	1820CST			0	0			Hail(1.50)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

June 2001								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<u>MINNESOTA, Central and South Central</u>								
Goodhue County								
Frontenac	17	2005CST 2015CST			0	0		Hail(1.50)
Morrison County								
5 W Lastrup	18	0330CST			0	0	1K	Thunderstorm Wind (E60)
Trees toppled onto garage door, and knocking down TV antenna.								
Morrison County								
1 N Buckman	18	0345CST			0	0	10K	Thunderstorm Wind (E65)
Numerous trees uprooted. Garage flattened. Granary unroofed.								
Benton County								
Foley	18	0410CST			0	0		Hail(1.00)
Mille Lacs County								
7 N Milaca	18	0410CST			0	0		Hail(2.00)
Mille Lacs County								
10 N Milaca	18	0415CST			0	0		Hail(2.50)
Kanabec County								
1 N Ogilvie	18	0428CST			0	0		Hail(2.00)
Hail broke all windows in home.								
Isanti County								
5 N Dalbo	18	0430CST			0	0		Thunderstorm Wind (E50)
A few trees down.								
Kanabec County								
Mora	18	0436CST			0	0		Hail(1.00)
Isanti County								
Braham	18	0450CST			0	0	50K	Hail(1.50)
Numerous cars, windows, roofs and siding damaged.								
Isanti County								
Braham	18	0450CST			0	0		Thunderstorm Wind (E50)
A few trees down.								
Isanti County								
Cambridge	18	0450CST			0	0		Hail(1.25)
Numerous cars damaged.								
Chisago County								
Rush City to 2 N Rush City	18	0505CST 0515CST			0	0	400K	Hail(2.75)
Ninety percent of homes in town received damage. Hundreds of broken windows. Siding, roofs and vehicles damaged by wind driven hail.								
Chisago County								
2 W Rush City to 2 S Rush City	18	0510CST			0	0	60K	Thunderstorm Wind (E70)
Roof ripped off pole barn. Siding torn from garage, and then blown onto truck. Trees toppled on to two pickup trucks.								
Renville County								
2 S Buffalo Lake	18	0530CST			0	0		Hail(1.75)
Washington County								
Newport	18	0540CST			0	0		Hail(0.75)
Sibley County								
Gibbon	18	0555CST			0	0		Hail(1.75)



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Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MINNESOTA, Central and South Central

Sibley County

1 N Arlington	18	0615CST 0625CST			0	0			Hail(2.00)
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Scott County

Savage	18	0645CST			0	0			Hail(0.75)
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Reported at Hwy. 13 and County Rd. 42.

Dakota County

Burnsville	18	0650CST			0	0			Hail(0.75)
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Reported at Hwy. 13 and County Rd. 5.

Stearns County

St Joseph	18	0800CST			0	0	5K		Thunderstorm Wind (E65)
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Dozens of trees knocked over in a 6 square block area of town. Some trees on houses caused roof damage. Powerlines also down.

Isanti County

2 E Day to .3 NE Braham	18	1822CST 1835CST	8	.2	0	0	200K		Tornado (F1)
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NWS damage survey indicated tornado trekked from 2 miles E of Day to the northeastern corner of Braham, exiting Isanti county at 1835 CST, and then headed into Kanabec county. Two barns were brought down, a dozen outbuildings damaged. Trees toppled, a few sheds were smashed, and siding was ripped off houses in the northwestern side of Braham.

Kanabec County

Grasston	18	1829CST			0	0			Hail(1.50)
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Kanabec County

4 S Grasston	18	1835CST 1836CST	0.3	.2	0	0			Tornado (F1)
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Isanti county tornado exited Isanti County at Braham and continued for another quarter of a mile into Kanabec county. It dissipated 1/4 mile NE of Braham, or 4 miles south of Grasston. As per NWS damage survey. No damage reported in Kanabec county.

Faribault County

Elmore	18	1855CST			0	0			Hail(0.75)
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Waseca County

7 W New Richland	18	1910CST			0	0			Hail(1.75)
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Waseca County

2 S Waseca	18	1913CST			0	0			Hail(0.75)
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Steele County

7 SW Owatonna	18	1928CST			0	0			Hail(1.00)
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Isanti County

Cambridge	20	2200CST			0	0			Hail(1.75)
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Isanti County

1 W Cambridge	20	2230CST			0	0			Thunderstorm Wind (E52)
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Large tree felled on County Road 1.

Douglas County

Melby	29	1954CST			0	0			Hail(0.75)
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Douglas County

Evansville	29	2002CST			0	0			Hail(0.75)
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WISCONSIN, West

Pierce County

1 S Ellsworth to	11	1558CST			0	0			Hail(2.50)
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National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
WISCONSIN, West									
4 S Ellsworth		1608CST							
									Several homes and vehicles damaged.
Pierce County									
2 SE Ellsworth	11	1610CST			0	0			Hail(1.75)
Polk County									
4 W Milltown to Clear Lake	11	1620CST 1630CST			0	0	800K		Thunderstorm Wind (E55)
									Numerous trees down, some on houses and vehicles, in a wide swath across the county. One tree fell through a trailer in Balsam Lake. Pole barn collapsed on western edge of Balsam Lake. Tree fell through apartment building in Balsam Lake. Building under construction in Centuria was taken down.
Pierce County									
5 N Maiden Rock	11	1630CST			0	0			Thunderstorm Wind (E50)
									Few trees down.
Polk County									
1 W Turtle Lake	11	1638CST			0	0			Thunderstorm Wind (E55)
									Numerous trees down.
Barron County									
Turtle Lake to Cameron	11	1640CST 1700CST			0	0	1M		Thunderstorm Wind (E70)
									5 mile wide swath of damaging wind extended across much of Barron County. Numerous trees down, roof blown off house, trailers tipped over at RV Park, chopper box and semi truck blown over in Turtle Lake. Roof blown off barn 3 N Poskin. Semi truck blown over on eastern edge of Barron. Trees fell through roofs of houses 1 SW Cameron. Damage figure include totals from all storms in Barron County between 1640 and 1705.
St. Croix County									
4 NW New Richmond	11	1640CST			0	0			Thunderstorm Wind (E52)
									Scattered trees toppled.
Barron County									
6 S Turtle Lake to Dallas	11	1645CST 1705CST			0	0			Thunderstorm Wind (E65)
									Three mile wide swath of damage across southern Barron County. Two barns down, several sheds destroyed, numerous trees down, some on homes and vehicles.
Dunn County									
Ridgeland	11	1645CST			0	0			Thunderstorm Wind (E50)
									Few trees felled.
Barron County									
Almena	11	1650CST			0	0			Hail(0.75)
Pepin County									
Durand	11	1650CST			0	0	200K		Hail(2.75)
									Vehicles, houses and other structures damaged.
Dunn County									
Boyceville	11	1656CST			0	0			Thunderstorm Wind (E61)
Barron County									
Rice Lake Arrowhd Ar	11	1700CST			0	0			Thunderstorm Wind (M76)
									AWOS system reached 62 mph then failed. Airport personnel monitored other measuring equipment and observed 76 knots (88 mph). Several roofs partially blown off in Rice Lake. Numerous trees and power lines down. Tractor blown over.
Rusk County									
3 W Weyerhaeuser to Bruce	11	1700CST 1719CST			0	0			Thunderstorm Wind (E60)
									Trees and power lines came down. Barn down with roof blown 100 feet away 3 W Weyerhaeuser, near Bass Lake. Garage down and



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Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>WISCONSIN, West</u>									
many windows blown out.									
Pierce County									
2 S Ellsworth	11	1725CST			0	0	1M		Thunderstorm Wind (E65)
Six barns leveled, numerous sheds and outbuildings down. Trees and power lines felled, some on houses. Damage figures are totals from all storms in Pierce County between 1558 and 1800.									
Rusk County									
Ladysmith	11	1730CST 1735CST			0	0	1M		Thunderstorm Wind (M69)
Measured at the DNR Forestry Station. Scattered damage to houses and outbuildings. Numerous trees and power lines down. Memorial Park in Ladysmith lost about 100 trees. One home lost part of its roof. Damage figure is the total from all storms in Rusk County from 1770 to 1815.									
Chippewa County									
3 E Chippewa Falls to Stanley	11	1735CST 1745CST			0	0			Thunderstorm Wind (M61)
Numerous trees and power lines down, some on houses and vehicles. Boats and docks flipped on Lake Wissota (3 E Chippewa Falls). 70 mph wind measured in Stanley, where a tree fell through one house.									
Pierce County									
5 SW River Falls	11	1735CST			0	0			Hail(2.00)
St. Croix County									
Star Prairie to New Richmond	11	1738CST			0	0			Thunderstorm Wind (E50)
Power lines and numerous 12 inch branches down.									
Rusk County									
10 WNW Sheldon to 7 W Sheldon	11	1740CST			0	0			Thunderstorm Wind (E55)
Barn and sheds down. Scattered trees down.									
St. Croix County									
1 E Glenwood City	11	1748CST			0	0			Thunderstorm Wind (E52)
Trees and power lines felled.									
Eau Claire County									
5 N Augusta	11	1750CST			0	0	15K		Thunderstorm Wind (E55)
Numerous trees down, including a few on vehicles									
Dunn County									
2 NE Menomonie	11	1800CST			0	0	83K		Lightning
Lightning struck a barn and set it on fire.									
Pierce County									
Plum City	11	1800CST			0	0			Thunderstorm Wind (E52)
Trees toppled.									
Dunn County									
Eau Galle	11	1805CST			0	0	500K		Thunderstorm Wind (E60)
Numerous trees down with some roof damage. Sheds and barns down.									
Pepin County									
Lund	11	1805CST			0	0			Thunderstorm Wind (E50)
Few trees on homes.									
Pepin County									
Durand	11	1808CST			0	0			Hail(1.75)
Pepin County									
Durand to	11	1808CST			0	0			Thunderstorm Wind (E65)



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Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
WISCONSIN, West									
5 E Durand		1813CST							
Numerous trees down, some on houses and vehicles. Roof partially ripped off barn 4 E Durand. Portion of greenhouse in Durand blown apart.									
Chippewa County									
6 NW Bloomer to 5 SE Cornell	11	1810CST 1850CST			0	0	600K		Thunderstorm Wind (E65)
Several barns and silos down, few garages and sheds destroyed, minor house damage, many hundreds of trees down in a swath several miles wide. About 80 roads were blocked by fallen trees. Damage figure includes totals from all storms in Chippewa County from 1735 to 1850.									
Eau Claire County									
15 SW Eau Claire	11	1815CST			0	0			Thunderstorm Wind (E52)
Several trees felled.									
Rusk County									
Hawkins	11	1815CST			0	0			Thunderstorm Wind (E52)
Few trees down.									
Barron County									
8 NW Rice Lake	16	1414CST			0	0			Hail(0.75)
Rusk County									
Ladysmith	16	1520CST			0	0			Hail(0.75)
Rusk County									
Ladysmith	16	1520CST			0	0			Thunderstorm Wind (E50)
Awning torn off a house.									
Pierce County									
4 SE Plum City	17	1850CST			0	0			Hail(1.25)
Pepin County									
Pepin	17	2039CST			0	0			Hail(0.75)
Pepin County									
Stockholm	17	2039CST			0	0			Hail(1.75)
Dunn County									
Menomonie	18	0505CST			0	0			Hail(0.75)
Polk County									
Frederic	18	0520CST			0	0			Hail(1.75)
Polk County									
Luck	18	0545CST			0	0			Hail(1.75)
St. Croix County									
Hammond	18	0545CST 0550CST			0	0			Hail(0.75)
Ground turned white.									
St. Croix County									
Baldwin	18	0550CST			0	0			Hail(1.00)
Eau Claire County									
Augusta	18	1941CST			0	0			Hail(0.88)
Eau Claire County									
Eau Claire	18	2047CST			0	0			Hail(0.75)
Chippewa County									
5 N Cadott	18	2056CST			0	0			Hail(1.75)
Chippewa County									
Jim Falls	18	2130CST			0	0			Thunderstorm Wind (E60)
Trees and powerlines blown down.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WISCONSIN, West

Pierce County

Plum City	18	2130CST			0	0			Hail(0.88)
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Eau Claire County

10 E Eau Claire	18	2135CST			0	0			Thunderstorm Wind (E55)
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Large tree felled in Seymour Township

Dunn County

Elk Mound	18	2200CST			0	0			Hail(1.50)
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Rusk County

Sheldon	18	2200CST			0	0			Hail(0.75)
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Rusk County

5 NE Tony	18	2200CST			0	0			Thunderstorm Wind (E55)
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Trees down.